REACTION 1

PRIMER F1 FORWARD
- - - - - - - - - - - - - - - - - - - ▶

TEMPLATE DNA
_____
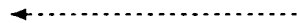
REVERSE PRIMER
◀ - - - - - - - - - - - - - - -
↑
RESTRICTION SITE 1

↓
PRODUCT

PRIMER F1	TEMPLATE	REVERSE PRIMER SEQUENCE

↑

↓

REACTION 2

PRIMER F2 FORWARD
- - - - - - - - - - - - - - - - - - - ▶
↑
RESTRICTION SITE 2

PRODUCT OF REACTION 1
_____
↑

REVERSE PRIMER
◀ - - - - - - - - - - - - -

↑
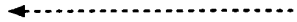
↓
PRODUCT

SIGNAL SEQUENCE	TEMPLATE DNA	REVERSE PRIMER SEQUENCE

↑   ↑

FIG. 1